

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1560	382/132	USPAT; USOCR	OR	ON	2007/05/03 10:29
S2	661	S1 and (gradation with process or difference with images)	USPAT; USOCR	OR	ON	2007/04/09 09:13
S3	110	S2 and ( image with processing adj apparatus)	USPAT; USOCR	OR	ON	2007/04/09 09:14
S4	0	S3 and ( align with position)	USPAT; USOCR	OR	ON	2007/04/09 09:14
S5	82	S3 and position	USPAT; USOCR	OR	ON	2007/04/09 09:15
S6	0	S4 and alignment	USPAT; USOCR	OR	ON	2007/04/09 09:15
S7	0	("20010002934"   "20030016853"   "20030016853").PN.	USPAT; USOCR	OR	ON	2007/04/10 14:39
S8	4	("20010002934"   "20030016853"   "20030016853").PN.	US-PGPUB; USPAT; USOCR; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 08:12
S9	1566	382/132	USPAT; USOCR	OR	ON	2007/04/10 16:43
S10	663	S9 and (gradation with process or difference with images)	USPAT; USOCR	OR	ON	2007/04/10 16:44
S11	205492	*3* and (coding\$ or decoding\$3)	USPAT; USOCR	OR	ON	2007/04/10 16:45
S12	79	S10 and (coding\$ or decoding\$3)	USPAT; USOCR	OR	ON	2007/04/10 16:45
S13	1566	382/132	USPAT; USOCR	OR	ON	2007/04/11 07:47
S14	663	S13 and (gradation with process or difference with images)	USPAT; USOCR	OR	ON	2007/04/11 07:48
S15	72	S14 and coding	USPAT; USOCR	OR	ON	2007/04/11 07:48
S16	1566	382/132	USPAT; USOCR	OR	ON	2007/04/11 12:05
S17	663	S16 and (gradation with process or difference with images)	USPAT; USOCR	OR	ON	2007/04/11 12:40

S18	32	S16 and (gradation with process)	USPAT; USOCR	OR	ON	2007/04/11 12:41
S19	2448	382/254	USPAT; USOCR	OR	ON	2007/04/23 15:15
S20	85	S19 and (inter with image)	USPAT; USOCR	OR	ON	2007/04/23 15:16
S21	2	("20030016853").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; JBM_TDB	OR	ON	2007/04/23 15:26
S23	31	382/132 and (compression with unit)	USPAT; USOCR	OR	ON	2007/05/03 08:12
S24	8	S23 and (calculation with unit)	USPAT; USOCR	OR	ON	2007/05/03 08:13
S25	2	S24 and (determination with unit)	USPAT; USOCR	OR	ON	2007/05/03 08:16
S26	5813	382/232	USPAT; USOCR	OR	ON	2007/05/03 08:17
S27	266	382/232 and ( determination with unit)	USPAT; USOCR	OR	ON	2007/05/03 08:17
S28	83	S27 and (calculation with unit)	USPAT; USOCR	OR	ON	2007/05/03 08:18
S29	83	S28 and (determination with unit)	USPAT; USOCR	OR	ON	2007/05/03 08:18
S30	50	S29 and (control with unit)	USPAT; USOCR	OR	ON	2007/05/03 08:37
S31	5	S30 and (counting with unit)	USPAT; USOCR	OR	ON	2007/05/03 08:32
S32	4	S31 and (holding with unit)	USPAT; USOCR	OR	ON	2007/05/03 08:20
S33	3	S32 and (decoding with unit)	USPAT; USOCR	OR	ON	2007/05/03 08:20
S34	2616	coded with image adj data	USPAT; USOCR	OR	ON	2007/05/03 08:38
S35	430	S34 and decoding with coded adj image	USPAT; USOCR	OR	ON	2007/05/03 08:39
S36	223	S35 and (382/232 or "382"/ (133-154))	USPAT; USOCR	OR	ON	2007/05/03 08:42
S37	0	S36 and (minimizing with storage adj memory)	USPAT; USOCR	OR	ON	2007/05/03 08:41
S38	12	S36 and ( storage adj memory)	USPAT; USOCR	OR	ON	2007/05/03 08:42
S39	1	("20020039444"   "20030002743"   "20030086127"   "5933520").PN.	USPAT; USOCR	OR	ON	2007/05/03 10:30

S40	1	("20020039444"   "20030002743"   "20030086127"   "5933520").PN.	USPAT; USOCR	OR	ON	2007/09/27 13:39
S41	4	("20020039444"   "20030002743"   "20030086127"   "5933520").PN.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/03 10:33
S42	0	("2003/0016853").URPN.	USPAT	OR	ON	2007/05/14 11:48
S43	2944	382/254	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 11:54
S44	163	S43 and judgment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 11:56
S45	76	S44 and (correction with images)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 11:58
S46	2	S43 and (judgment with image adj process)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 12:00
S47	1	S46 and ( correction with images)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 12:01
S48	1918	382/132	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 12:02
S49	96	S48 and (judgment with image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 12:02

S50	29	S49 and (correction with image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 12:40
S51	1	S50 and (inter with image adj calculation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 12:03
S52	2	S50 and (process with confirmation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 12:41
S53	4	("20010002934"   "20030016853"   "20030016853").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/14 12:51
S54	0	S53 and (inter with image adj calculation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/14 12:52
S55	0	S53 and (inter with image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/14 12:53
S56	3	S53 and (difference with image)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/14 12:53
S57	0	S56 and (frequency with process)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/14 12:54
S58	0	S56 and (positional with alignment)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/14 12:55
S59	1	S56 and alignment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/14 12:55
S60	33907	difference near2 images	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 08:12

S61	13	inter near3 image near2 (calculation or compute or determination)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 08:18
S62	3	judges near3 two near3 images near3 processed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 08:19
S63	200	correct near3 images near3 processed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 08:21
S64	200	correct near3 images near3 (uprocessed or processed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 08:24
S65	119	S60 and (positional near3 alignment)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 08:38
S66	1	S65 and (correct near3 (processed or unprocessed) near3 images)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 08:17
S67	16	S65 and correct near2 image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 09:20
S68	14	("20010002934"   "20010002934"   "20030016853"   "20030016853"   "6317510"   "6415049"   "6934409").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 10:10

S69	19	("4731863"   "4829181"   "4851678"   "4891757"   "4939367"   "4952805"   "4962539"   "4967079"   "5028782"   "5040225"   "5268967"   "5732149"   "5862249"   "5892840"). PN. OR ("6317510").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/27 09:22
S70	2	("2001/0002934").URPN.	USPAT	OR	OFF	2007/09/27 09:30
S71	8	("5153444"   "5359513"   "5572566"   "6317510"   "6563942"   "6563943"   "6600831"   "6640000"). PN. OR ("6915003").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/27 09:32
S72	13	("4851701"   "4903310"   "4951201"   "5172419"   "5579402"   "5628039"   "5862249"   "6314198"   "6317510"   "6411674"   "6415049"   "6501827"   "6502984"   "8313477"). PN. OR ("6911988").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/27 09:36
S73	25	("4527060"   "4620097"   "4638162"   "4682028"   "4851678").PN. OR ("4952805").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/27 09:38
S74	2	"5539534".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 10:13
S75	2	"6414296".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 10:14
S76	2	"5511058".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 10:15
S77	2	"5694488".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 10:15

S78	2	"5335296".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 10:16
S79	2	"20030228071".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 10:22
S80	0	"5917798".pn"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 10:23
S81	2	"5917798".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 10:24
S82	2	"20020015376".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 10:25
S83	0	EP-0855717-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 10:28
S84	0	EP-0855717-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 10:29
S85	2	EP-1059574-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 10:31
S86	2	EP-1460622-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 10:32

S87	0	jp-1996335721-\$.did.	USPAT; USOCR	OR	ON	2007/09/27 13:43
S88	0	jp-19960335721-\$.did.	USPAT; USOCR	OR	ON	2007/09/27 13:43
S89	0	jp-1996035721-\$.did.	USPAT; USOCR	OR	ON	2007/09/27 13:43
S90	0	jp-1996335721-\$.did.	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 13:44
S91	0	JP-1996335721-\$.did.	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 13:44
S92	0	JP-1996035721-\$.did.	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 13:44
S93	0	JP-335721-\$.did.	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 13:48
S94	0	STRUCTURAL NEAR3 COMPONENTS NEAR3 DIFFER NEAR3 IMAGES	USOCR; JPO	OR	ON	2007/09/27 13:49
S95	3824	image near2 difference	JPO	OR	ON	2007/09/27 14:19
S96	1	S95 and (positional near3 alignment)	JPO	OR	ON	2007/09/27 13:51
S97	0	S95 and (positional near3 alignment near2 process)	JPO	OR	ON	2007/09/27 13:51
S98	6947	(processed or unprocessed) near2 images	JPO	OR	ON	2007/09/27 14:20
S99	76444	(processed or unprocessed) near2 images	US-PGPUB; USPAT; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 14:20
S100	18	S99 and (inter near3 image near3 calculation)	US-PGPUB; USPAT; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 14:21
S101	3	("5708763"   "6067097"). PN. OR ("6654139").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/27 14:22
S102	14	("4870692"   "5048103"   "5647360").PN. OR ("5841148").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/27 14:24



S103	3	("5708763"   "6067097").PN. OR ("6654139").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/27 14:32
S104	0	inter near3 image near3 calculation near2 two near2 processed near2 images	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/27 14:34
S105	0	inter near3 image near3 calculation near2 two near2 processed near2 images	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/27 14:35
S106	0	inter near3 image near3 calculations near2 processed near2 images	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/27 14:35
S107	0	inter near3 calculations near2 processed near2 images	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/27 14:36
S108	7	calculations near2 processed near2 images	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/27 14:36
S109	14	("4870692"   "5048103"   "5647360").PN. OR ("5841148").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/27 15:19
S110	14	("4870692"   "5048103"   "5647360").PN. OR ("5841148").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/27 16:06
S111	11	("5841148").URPN.	USPAT	OR	OFF	2007/09/27 16:07
S112	11	("5841148").URPN.	USPAT	OR	OFF	2007/09/27 16:07
S113	1	10/718694.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/05 08:23
S114	49	(Oosawa-Akira).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/05 08:23
S115	42	S114 and (image near3 process\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/05 08:24

S116	0	S115 and (image near3 corret\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/05 08:25
S117	0	S115 and (image near3 corret\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/05 08:26
S118	2	S115 and (image near3 correction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/05 08:26
S119	506616	process\$3 near3 image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/05 08:28
S120	28027	S119 and (image near3 correction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/05 08:29
S121	348	S120 and (determin\$3 or judge) near3 (process\$3 adj image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/05 08:31
S122	10	S121 and (determin\$3 or calculat\$3) near3 difference near3 (process \$3 or unprocess\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/05 08:32
S123	1	10/718694.app.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 16:12

**EAST Search History (Interference)**

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**9/ 14/ 2009 1:20:46 PM****C:\Documents and Settings\awoldemariam\My Documents\EAST\Workspaces\ 718694.wsp**